

NIMAC POWER INVERTER



Introduction

With Microprocessor based design, the LIV Power Inverter series allowing you to configure main parameters easily through the keypad and LCD display on the front panel. In addition, the APC (Advanced Polarity Check) technology applied to replace old-style fuse and diode, which warned you reversed polarity. Furthermore, its 2U rack-mount size makes this model suitable for limited space and is ideal for handling sensitive loads for telecom and network field application.

Feature

- Reversed Polarity Protection by the APC (Advanced Polarity Check).
- Input DC Voltage Settable for Alarm and Shutdown.
- Adjustable Output Voltage; depends on your needs.
- Ground Fault Alarm.
- Event Log. (Option)
- Built-in Transfer Switch.
- Fan's speed controlled by temperature.
- 50 / 60 Hz Output Frequency Auto Sensing.
- Dry Contact Alarm for the control of operation equipment.



Specification

| Model Rating | | LIV-10 1KVA | LIV-20 2KVA | LIV-30 3KVA |
|------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| DC Input | Nominal Voltage / Max. Current | 48VDC / 25Amps 125VDC / 9.6Amps | 48VDC / 50Amps 125VDC / 20Amps | 48VDC / 75Amps 125VDC / 29Amps |
| | Voltage Range | 48VDC (40~60VDC) 125VDC (105~155VDC) | | |
| | Connections | Hard-wired connection | | |
| | Efficiency | >85% (full load) at 48VDC or 125VDC | | |
| Utility Power (Bypass) | Nominal Voltage | 110VAC or 230VAC \pm 25% | | |
| | Frequency | 50Hz or 60Hz \pm 3Hz | | |
| | Protection | AC Circuit Breaker | | |
| Inverter Output | Output Power | 800W | 1600W | 2400W |
| | Max. Surge Power | 1200W | 2400W | 3600W |
| | Voltage | 110VAC or 230VAC re-settable \pm 10% of rating voltage via front panel | | |
| | Voltage Regulation | <2% at linear load | | |
| | Frequency | 50 or 60Hz \pm 0.1% auto sensing by AC power source | | |
| | THD Distortion | <3% at linear load | | |
| | Waveform | Pure Sine Wave | | |
| Crest Power | 3 : 1 | | | |
| Protection | Short Circuit | Inverter shut-off | | |
| | Overload | 105%~125% for 60 seconds; 126%~150% for 30 seconds; >151% for 1 seconds; Switch to bypass | | |
| | DC Polarity Reverse | Advanced Polarity Check (APC) | | |
| Indicator | LCD Display | Input/Output: Voltage/Frequency, DC: Voltage/Current, Loading: Current/Percentage, Temperature: Operating/Over, Polarity Reverse, Event Log | | |
| | LED Display | AC Input, Inverter/Bypass, Fault/Load, DC Input | | |
| Communication | Interface Port | Dry Contact, RS-232C with Baud Rate 2400 (option), RS-485 (option), SNMP serial port (option) | | |
| Environment | Operating Temperature | 0 ° C to 40 ° C | | |
| | Relative Humidity | 0-90%, non-condensing | | |
| Dimension | W*D*H (mm) | 360 x 465 x 90 (2U) | | |
| Net Weight | Kgs | 10.0 | 13.0 | 13.0 |

* NIMAC reserve the right to change specifications without prior notice.

NIMAC POWER SYSTEMS (M) SDN BHD (425245-D)

No. 9, Jalan SC 8, Taman Perindustrian Sungai Chua, 43000 Kajang, Selangor Darul Ehsan, Malaysia.
Tel: +603-8733 9163 / 8737 0168 / 8736 5168 Fax: +603-8735 0999 / 8734 6641
E-mail: alee@nimac.com.my Website: <http://www.nimac.com.my> GST No. 001620312064



CLICK ME